Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 14 Apr 2023 until 23:59 on Saturday 15 Apr 2023

Forecast Issued on Friday 14 Apr 2023 at 01:14

Confidence: High for unsettled conditions Friday and for the transition through the weekend to lighter winds and drier and brighter weather. Lower for details of cloud and rain Sunday.

Headline for Friday 14 Apr 2023: Isolated showers becoming heavier, then overcast with persistent rain and hill snow. Drier and brighter later.

Mountain weather hazards on Friday 14 Apr 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers	Heavy rain showers	Heavy rain showers	Heavy Rain	Heavy Rain	Light rain
Precipitation probability					
30%	60%	60%	80%	70%	30%

Forecast for Friday 14 Apr 2023

Weather: Increasingly cloudy morning with some isolated showers or spells of showery rain. These likely to become more frequent and slow-moving with heavier downpours late-morning and early afternoon, with a risk of hail and thunder. A more organised area of rain will pushing east across the Peaks this afternoon, turning persistent with some heavier bursts. Rain clearing to the east during the evening with some clearer spells towards midnight further west.

Chance of cloud-free hill tops above 600m: 70% at first, becoming 40% in showers then 20% in the afternoon. Improving from the west to 80% late on as rain clears.

Low cloud and visibility: Becoming cloudy with higher peaks briefly obscured in early cloud. Bases lowering to 400-500m in showers this morning, perhaps down to lower slopes as showers become heavier and slow-moving. Cloud bases of 400-500m more widely in persistent rain later, perhaps lowering to 300m in prolonged spells. Highest routes likely shrouded for hours at a time. Clearer spells developing later from the west. Visibility good initially and late on, but poor, perhaps very poor in the heaviest rain or showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Friday 14 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/22 SE	11/16 S	9/13 S	7/10 SE	7/10 NW	6/10 NW	7/11 NW
300	9/17 SE	10/15 S	6/9 S	4/7 SW	4/8 N	4/8 W	5/8 W
Valley	6/11 E	6/13 S	6/11 SE	4/8 SW	4/9 SW	3/8 NW	3/8 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-2	2/-2	3/-1	3/0	3/0	2/-0	2/-1
300	4/1	5/2	5/3	6/5	6/5	5/3	4/2
Valley	4/2	6/4	6/4	7/5	6/5	5/4	4/2
Freezing Level*	800m	900m	900m	1000m	900m	900m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The weather is likely to change rapidly today with a mix of showers, heavy rain and a hail and thunder risk. Rainfall may cause surfaces to become slippery. Watercourses could also rise quickly and unexpectedly. Wind chill possible in rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 14 Apr 2023	1.4mm	21.2mm	28.8mm

Forecast for Saturday 15 Apr 2023

Weather: Generally dry and bright day with sunny spells. Cloudier in the east at first where some patchy drizzle and hill fog possible. Isolated patches of low cloud, mist and fog possible elsewhere towards dawn, soon clearing. Feeling warm.

Maximum wind: Northerly 10-15 mph, turning westerly and easing 5-10mph later.

Chance of cloud-free hill tops above 600m: 60%, mainly in the east. Soon improving to above 90% everywhere.

Low cloud and visibility: Cloud bases are expected to mostly remain above summits. However, chance of low cloud obscuring higher peaks in the east at first with bases around 500m. Slight chance of summits becoming briefly shrouded as patches of mist and valley fog lift and clear. Visibility very good, but poor in any early fog.

Temperature: **Valleys:** Plus 4 Celsius becoming plus 11 Celsius.
At 600m: Plus 2 Celsius becoming plus 9 Celsius.
Freezing level: Above the summits.

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